

EXPERIENCE

Robert Half, San Ramon — Full Stack Software Engineer (Part Time)

JULY 2022 - PRESENT

Tech used: React/Redux, Jest, Typescript, AEM/Java, and more

- Continued working part time during school on core platform
- Participated in website overhaul effort that completely rebuilt the website's codebase to use current technology, be more maintainable, and scalable

Robert Half, San Ramon — Full Stack Software Engineer Intern

JUN 2022 - JULY 2022

Tech used: Agile, Drupal/PHP, jQuery, React, Acquia, Jenkins, postgresql, and more

- Learned the Agile sprint process. Participated in meetings, estimated and completed tickets
- Met with business users about how to best execute their vision
- completed bug and feature tickets for both the front end and back end of website each with unique requirements for 18 different countries

Roadz, Palo Alto — Software Engineering Intern

MAY 2019 - JAN 2020

Tech used: Django/Python, React, Stripe, AWS

- Independently learned new technologies to create a prototype for Roadz's billing API
 - API subscribes client to subscription services, invoice them and prorated the bill if they cancel mid-cycle
- Added content views for marketplace frontend

The Coder School, San Mateo — Code Coach

AUG 2017 - OCT 2021

Tech used: javascript/jQuery, React, Python

- Taught programming lessons to kids 9 - 17
- Built games and websites with students, didn't use any premade curriculums
- ran educational coding summer camps



Jonathan Rozen

Software Engineer
pursuing a Bachelor's in
Computer Science

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Javascript, node.js, jQuery

100%

Using JavaScript & jQuery from a young age.
Continue to use both frequently today

React/Redux

90%

Used React in all of my internship experiences,
and I taught React to kids at The Coder School

Python/Django

80%

Used Django extensively at Roadz. Taught it at
The Coder School. Also used it for a few personal
projects

Jira, Git, Agile

80%

Used Jira tickets and other tools, as well as Agile
concepts at Robert Half. I've been using Git from a
young age

REST APIs, HTTP

75%

Experience creating and using REST APIs in
professional projects, as well as teaching them at
The Coder School

Other Tech I've Worked With

UCSC ITS Depot, Santa Cruz — *Technical Support Specialist*

SEP 2020 - PRESENT

- Part time job while studying
- Set up and troubleshooted campus computers, monitored trouble tickets, kept clients updated in person and over the phone
- Fulfill special requests to install VMs, Kiosks, etc.

EDUCATION

University of California Santa Cruz — *Bachelor's, Computer Science*

SEP 2020 - JUN 2024

Relevant Coursework:

- CSE 101 - Data Structures and algorithms
 - Learned **Big O Notation**, Binary Heap, Binary Search, sorting algos, graphs, queue, stack
 - Taught in C++
- CSE 13 - Computer Systems and C Programming
 - Learned C
 - Learned memory allocation, the compiler model, low level data structures and data representation

Aragon High School

SEP 2016 - JUN 2020

Relevant Coursework:

- AP Computer Science
 - Taught in Java
 - Received 5/5 on AP exam
- Received 34/36 ACT score

PROJECTS

Car Cleaner — *3D Car Game*

Tech Used: three.js, cannon.js, Blender

- 3D physics simulation using cannon.js
- Car has a rigid body, four wheels, an E-Brake and it can drift
- Can be found on my website
<https://mrjohnyhats.github.io/car-game/index.html>

Pipe— *Messaging Platform*

Tech Used: node.js, socket.io, jQuery

- Messaging platform where text boxes slowly slide out of view

This is a general list of all of the other tools I have experience with:

Typescript, SaSS, PHP/Drupal, Flask,, SSH, Stripe billing, Jinja templates, redis, Java, C/C++, Bash, three.js, cannon.js, webpack, browserify, gulp, MySQL, postgresql, Acquia, AWS

to create secrecy

- Saves user accounts with username and password
- Invite-only channels can be created with a custom label

